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Dated: June 9, 2006

Signature: [Signature]

(Reza Mollaaghababa)

Docket No.: 022727-0129

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Jerome L. Ackerman et al.

Application No.: 10/532,156 ✓

Filed: April 20, 2005

For: RADIOFREQUENCY COIL AND
CATHETER FOR SURFACE NMR
IMAGING AND SPECTROSCOPY
(AS AMENDED)

Confirmation No.: 6179

Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR § 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR § 1.98(a)(2).

In accordance with 37 CFR § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(a) exists. In accordance with 37 CFR § 1.97(h), the filing of this

Information Disclosure statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56 (b).

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR § 1.98 and the Examiner is respectfully requested to consider the listed references.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR § 1.97(b)(3)), and thus it is believed that no fees are due. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 141449, under Order No. 022727-0129.

Dated: June 9, 2006

Respectfully submitted,

By 

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/532,156-Conf. #6179	
			Filing Date	November 7, 2005	
			First Named Inventor	Jerome L. Ackerman	
			Art Unit	N/A	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	4	Attorney Docket Number	022727-0129

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA*	US-5,713,907	02-03-1998	Hogendijk et al.	
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	AC*	US-4,173,228	11-06-1979	Van Steenwyk et al.	
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			Art Unit	N/A	
			Examiner Name	Not Yet Assigned	
Sheet	2	of	4	Attorney Docket Number	022727-0129

	AT1*	US-6,453,189	09-17-2002	Gilderdale	
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	Hyde, et al., "A Surface Coil For Skin," Magnetic Resonance in Medicine, August 1987, pp. 456-461, 841	
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	CC	Fox TR. Capacitive network to cancel coupling between channels in MRI quadrature antennas. Society of Magnetic Resonance in Medicine. Sixth Annual Meeting, August 17-21, 1987, New York. Abstracts p. 99.	
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	CF	Libby, P, "Current Concepts of the Pathogenesis of the Acute Coronary Syndromes," Circulation. 104, 365-372 (2001)	
	CG	Pearlman, et al., "Nuclear Magnetic Resonance Microscopy of Atheroma in Human Coronary Arteries," Angiology. 42, 726-733 (1991)	
	CH	Fayad, et al., "Clinical Imaging of the High-Risk or Vulnerable Atherosclerotic Plaque," Circ. Res. 89, 305-316 (2001)	
	CI	Rogers, et al., "Characterization of Signal Properties in Atherosclerotic Plaque Components by Intravascular MRI," Arterioscler. Thromb. Vasc. Biol. 20, 1824-1830 (2000)	
	CJ	Ocali, et al., "Intravascular Magnetic Resonance Imaging Using a Loopless Catheter Antenna," Magn. Reson. Med. 37, 112-118 (1997)	
	CK	Kumar, et al., "MR Imaging with a Biopsy Needle," Proceedings of the 9th Annual Meeting of ISMRM, Glasgow, Scotland, p 2148 (2001)	
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	CN	Kantor, et al., "In Vivo 31P Nuclear Magnetic Resonance Measurements in Canine Heart Using a Catheter Coil," Circ. Res. 55, 261-266 (1984)	
	CO	Crottet, et al., "Reciprocity and Sensitivity of Opposed-Solenoid Endovascular MRI Probes," J. Magn. Reson. 159, 219-225 (2002)	
	CP	Hurst, et al., "Intravascular (Catheter) NMR Receiver Probe: Preliminary Design Analysis and Application to Canine Iliofemoral Imaging," Magn. Reson. Med. 24, 343-357 (1992)	
	CQ	Nakada, et al., "31P NMR-Spectroscopy of the Stomach by Zig Zag Coil," Magn. Reson. Med. 5, 449-455 (1987)	
	CR	Buess, et al., "NQR Detection Using a Meanderline Surface Coil," J. Magn. Reson. 92, 348-362 (1991)	
	CS	Sethares, et al., "A new model for the flat conductor electromagnetic SAW transducer," J. Appl. Phys. 49, 1054-1060 (1978)	
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	CV	Worthley, et al., "A Novel Nonobstructive Intravascular MRI Coil, In Vivo Imaging of Experimental Atherosclerosis," Arterioscler Thromb Vac. Biol., p. 346-350	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Attorney Docket No.: 022727-0129

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